



Antiterrorism/Force Protection

~~Shipboard Physical~~ Security

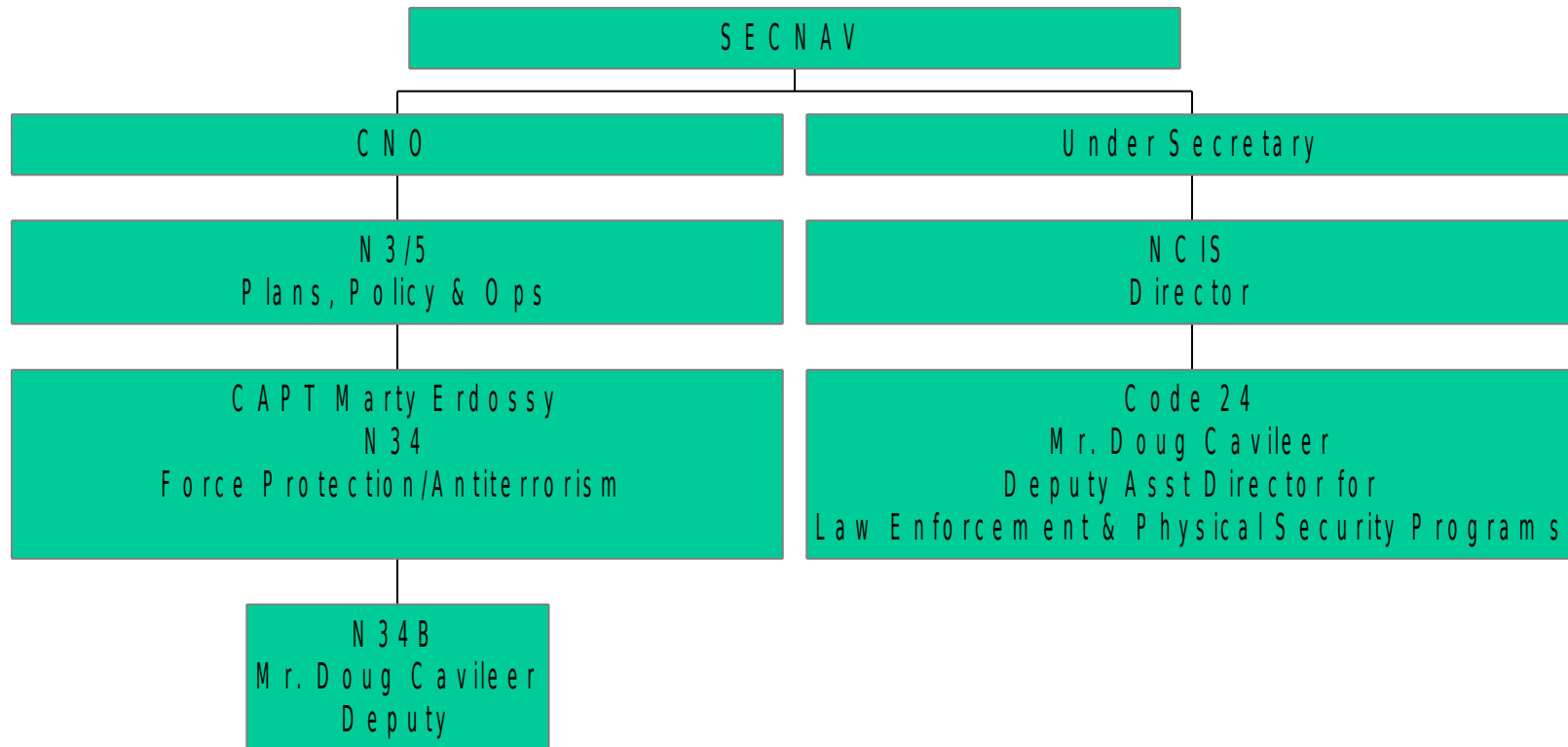


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CNO N348L
13 Mar 01



CNO Force Protection Organization

CNO (N34)/NCIS (Code 24)





CNO's Antiterrorism/Force Protection (AT/FP) Conference

- **Antiterrorism/Force Protection Conference Held 21-23 February 2001**
 - **Five Working Groups Convened to Resolve Issues Facing Navy's AT/FP**
 - **Port Visit Process**
 - **Technology**
 - **Naval Security Forces**
 - **Policy, Training, and Doctrine**
 - **Resources**



Terrorist Attacks: Historical Perspective

	Beirut	Khobar Towers	African Embassy	Cole
Perceived Threat	Sniper	Small bomb (interior)	Small bomb (interior)	Pier Side Attack
Destructive Mechanism	Bomb	Bomb	Bomb	Bomb
Delivery Method	Truck	Truck	Truck	Boat
Geographic Region	ME	ME	Africa	ME
Intel	General threat	General threat	General threat	General threat
Lesson	Application of rules of engagement	Greater stand-off distance	Recognize world-wide threat	Anticipate new methods



Antiterrorism/Force Protection

- **The Message Presented by Vice-CNO at the AT/FP Conference Regarding Antiterrorism/Force Protection:**

SEA CHANGE

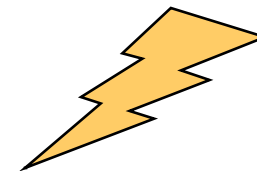
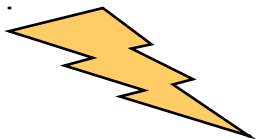
- **How Do We Keep Force Protection in Everyone's Focus?**
 - **Take It Personally**
 - **Warrior Mindset**
 - **Situational Awareness**
 - **Constant Vigilance**



Antiterrorism/Force Protection

SEA CHANGE

- **State of War**
 - **Cannot Defeat Terrorists, Deter Them**
 - **Slow Them Down, Make Them Work Harder**
 - **COs Must Have all the Latest Intel**



NEVER FORGET....



N3/N



Navy Shipboard AT/FP Post USS Cole (DDG-67)

- **Small Boat with Improvised Explosive Detection (IED) Threat**
 - **Need to Develop/Enforce Tactics, Techniques & Procedures (TTP) to Counter Ship Waterborne Threat and to Detect Explosives**
 - **Need to Provide Equipment to Support the TTP**



Antiterrorism/Force Protection

• Equipment Requirements Considerations

Threat

- Waterside/Underwater Threat
- Landside Threat
- Air Threat

Purpose

- Detection (Classify/Clarify)
- Deterrence (Warn)
- Protection (Individual/Ship)
- Neutralization/Defeat (Non-lethal/Lethal)

Function

- Standoff (Perimeter Security)
- Assessment
- Inspection
- Response
- Personnel Protection
- Communications



Antiterrorism/Force Protection

- **Partnership with NAVSEA 04L4**

- ✓FY 99 Approached NAVSEA 04L to Assist in Managing FP AEL Material

- ✓FY 00 Provided \$12M (O&M,N Funds vice OPN) to Develop and Procure Three FP AELs via NAVSEA Outfitting Account

NSLC Responsible for Developing/Updating FP AELs

FISC PS Code 70 Developed Unique Procedures/Processes for Ordering and Expediting FP AEL Requirements

- ✓FY 01 SEA 04L4 Assisting in Augmentation of Current FP AELs/Providing Central Management



FY 01 Procurements

- **FY 01 Procurements Directed by N34**
 - **Night Vision Devices (NVD) Upgrade to bring the Fleet to Generation IV Technology) [\$8M]**
 - ✓ **On Contract; Acceptance Testing; Mid-April Distribution**
 - ✓ **AN/PVS-7C (Goggles) AEL 0-006400411**
 - **Buying 1,233 (Quantities/Platform vary from 2 to 8 Depending on type of Ship)**
 - ✓ **AN/PVS-18 (Pocket Scope) Awaiting AEL Assignment**
 - **Buying 951 for varying Ship Quantities per AEL**
 - **Protected Voice Portable Communication System (PVPCS) Upgrade to provide new radios with "hands free" operation [Approx. \$10M]**
 - ✓ **15 Radios Provided with Upgrade, Total Number of Radios varies / Ship Type**
 - ✓ **Revisit with Fleet to Finalize Requirements**



FY 01 Supplemental

- **\$2M Procurement to Outfit 5th Fleet with Hand Held Explosive Detection Devices**
 - Vapor Detectors: Two per Ship
 - Particle Detectors: One per Ship
- **Supplemental Funding Submitted but not approved**



The “Way Ahead”

- **\$1M Per Year OM&N Commencing in FY-02 to FLTCINCs for OPTARs to Repair and Replenish**
- **Refine Equipment Requirements for Current FP AELs Based on Established Tactics, Techniques and Procedures for Countering the Threat**
- **Battle Group Tailored FP Augmentation Material List Being Developed and Funded**



CVBG ARG

AT/FP AEL Augmentation

NOMENCLATURE	CVBG & ARG RQD QTY	CVBG & ARG MUST HAVE QTY	UNIT OF ISSUE	EST. UNIT COST	TOTAL CVBG & ARG RQD QTY COST	TOTAL CVBG & ARG MUST BUY QTY COST	COMMENTS
ZODIAC BOAT	12	12	EA	\$8,568.00	\$102,816.00	\$102,816.00	PROCURRING
ZODIAC MOTOR	12	12	EA	\$2,538.00	\$60,912.00	\$60,912.00	PROCURRING
SABER RADIOS - VHF PORT SERIES I	324	324	EA	\$1,765.52	\$572,028.48	\$0.00	HOLD - CHECKING MTS-2000 BUY
SABER ENCRYPTION KEYLOADER	30	30	EA	\$2,276.82	\$68,304.60	\$0.00	HOLD - CHECKING MTS-2000 BUY
ARMOR TRAUMA PLATE	1025	1025	EA	\$200.00	\$205,000.00	\$205,000.00	PROCURRING
ION DETECTOR - EXPLOSIVES-CHEMICAL AGENTS-DRUGS	38	17	EA	\$25,741.00	\$978,158.00	\$0.00	HOLD - MEDLOG CHECKING
10' X 10' TENT	30	30	EA	\$599.99	\$17,999.70	\$17,999.70	Procuring - Fleet Landing & Pier Head Insp Site
FOLDING TABLE 3' X 5'	30	30	EA	\$29.99	\$899.70	\$899.70	Procuring - Fleet Landing & Pier Head Insp Site
NIGHT VISION BINOCULARS	44	0	EA	\$1,995.00	\$87,780.00	\$0.00	Already Procuring & pushed NAVSEA N/V Gogo
WATERLINE SECURITY LIGHTS 1500W	148	148	EA	\$58.41	\$8,644.68	\$8,644.68	PROCURRING
VEHICLE INSPECTION MIRROR	45	30	EA	\$63.00	\$2,835.00	\$1,890.00	Procuring - Fleet Landing & Pier Head Insp Site
DIGITAL CAMERA	17	0	EA	\$691.14	\$11,749.38	\$0.00	HOLD - Use PAO near term - revisit
5000' YELLOW FLOATING LINE	75	75	SPOOL	\$119.16	\$8,937.00	\$8,937.00	PROCURRING
YELLOW BOUYS	160	160	EA	\$24.95	\$3,992.00	\$3,992.00	PROCURRING
ANCHORS	160	160	EA	\$42.50	\$6,800.00	\$6,800.00	PROCURRING
WARNING SIGN SET	45	30	EA	\$149.50	\$6,727.50	\$4,485.00	Procuring - Fleet Landing & Pier Head Insp Site
WARNING TAPE SET	900	600	EA	\$7.99	\$7,191.00	\$4,794.00	Procuring - Fleet Landing & Pier Head Insp Site
BIO-HAZ DETECTOR	55	17	EA	\$4,342.40	\$238,832.00	\$0.00	MEDLOG CHECKING
ROV W/ U/W CAMERA & LIGHTING	31	0	EA	\$7,895.00	\$244,745.00	\$0.00	HOLD PENDING EOD OPEVAL
PA SYSTEM FOR BOATS	39	39	EA	\$358.00	\$13,962.00	\$13,962.00	PROCURRING
JP-5 GENERATOR	39	26	EA	\$3,028.00	\$118,092.00	\$78,728.00	Procuring - Fleet Landing & Pier Head Insp Site
PORTABLE LIGHTING	39	26	EA	\$41.25	\$1,608.75	\$1,072.50	Procuring - Fleet Landing & Pier Head Insp Site
TIRE SPIKE SET	45	30	EA	\$337.00	\$15,165.00	\$10,110.00	Procuring - Fleet Landing & Pier Head Insp Site
MOBILE X-RAY MACHINE (SMALL PKG)	19	4	EA	\$14,110.00	\$268,090.00	\$0.00	HOLD - PENDING CVN & LHD OPEVAL
TOTAL					\$3,051,269.79	\$531,042.58	



Proposed AEL Update

- **Continue to Determine Actual Fleet Requirements**
 - **To Support Tactics, Techniques and Procedures (TTP)**
 - **Results of AT/FP Conference**
 - **Input from Technical Studies (CAPS, NOOTW)**
 - **Fleet Feedback**
- **Assess Requirements (On-going)**
- **Obtain Funding**
- **Centralized Sponsorship and Management (N34)**
 - **Utilize NAVSEA Outfitting Account (SEA 04L4)**
 - **Centralized Procurement (NSLC N50/FISC PS Code 70)**



Backup



FY 00 Procurements

Status of Current Force Protection AEL

Item	Shipping Status as of: 03/09/2001
Baton	60%
Binocular	99.6%
Body Armor	100%
Bolt Cutters	62%
First Aid Kit	100%
Flashlight	100%
Flyers Bag	100%
Helmets	98%
Kneepads	100%
Legirons	100%
Megaphones	100%



FY 00 Procurements

Status of Current Force Protection AEL

(Cont'd)

Item	Shipping Status as of: 03/09/2001
Metal Detector	87%
Mirror	53%
Pepper Fogger	87%
Pepper Spray	100%
Radiation Glove Inserts	100%
Rangefinder	100%
Tactical Vests	39%
Whistle	100%
Camelback Drinking System	100%
Searchlight	11%



Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Standoff (Perimeter Security)

Equipment	Purpose	Quantity/ Ship	Availability
Security Boat(s)	Deter/Detect/ Protect/Defeat/C2)	3	NT
Barriers Oil Containment Booms/ Inflatable Bouys RGES	Deter/Protect/Defeat	Various	NT
Warning Devices	Deter/Neutralize	Various	
Bullhorn (w/foreign language warnings pre-recorded)			MT
Flashing Lights			NT
Sirens			NT
Flare Gun			NT
Laser Light (Dissuader)			NT
Ship's 1MC (w/foreign language recordings)			MT
Signage (w/foreign language)			MT

Availability	
LT	Long
Term	
NT	Near Term
MT	Mid Term



Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Assessment

Equipment	Purpose	Quantity/ Ship	Availability
<i>Hull Lighting System (Ship System)</i>	Detection	1	LT
<i>Underwater Lighting System (Ship System)</i>	Detection	1	LT
Portable Floodlights	Detection	3	NT
Remotely Operated U/W CCTV	Detection	1	NT
Thermal Imagers	Detection	3	NT
Tactical Lights (hand held)	Detection	20	NT



Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Inspection

Equipment	Purpose	Quantity/ Ship	Availability
Portable Explosive Detectors (vapor & particle)	Detection	2 vapor 1 particle	NT
Digital Cameras	Detection	2	NT
Portable CHEM/BIO Detectors		TBD	TBD
Remote U/W CCTV (See also Assessment Function)	Detection	1	NT
Selected Vehicle Insp Technology	Detection	1	NT



Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Personnel Protection

Equipment	Purpose	Quantity/ Ship	Availability
Body Armor Trauma Plate	Protect	Various	NT



Proposed AT/FP AEL Additions

Threat: Waterside/Underwater

Function: Response

Equipment	Purpose	Quantity/ Ship	Availability
Treble Hooks	Neutralize/Defeat	Various	NT
Grapple Hooks	Neutralize/Defeat	Various	NT
Water Cannon/Special Fire- Hose Nozzle	Neutralize/Defeat		



Proposed AT/FP AEL Additions

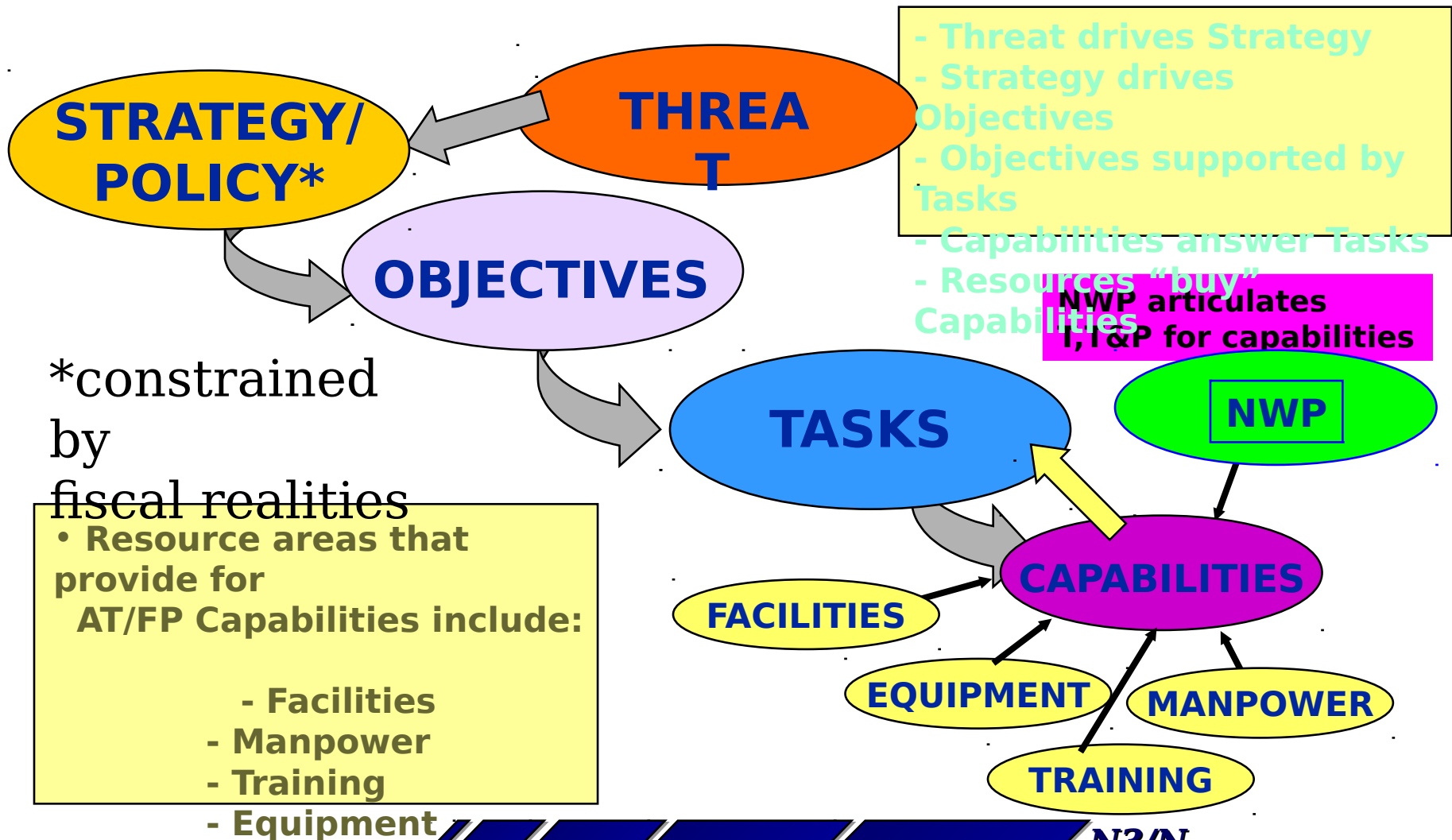
Threat: Waterside/Underwater

Function: Communications (C2)

Equipment	Purpose	Quantity/ Ship	Availability
PVPCS (FY 01 Buy)	Improved Communications	15	NT



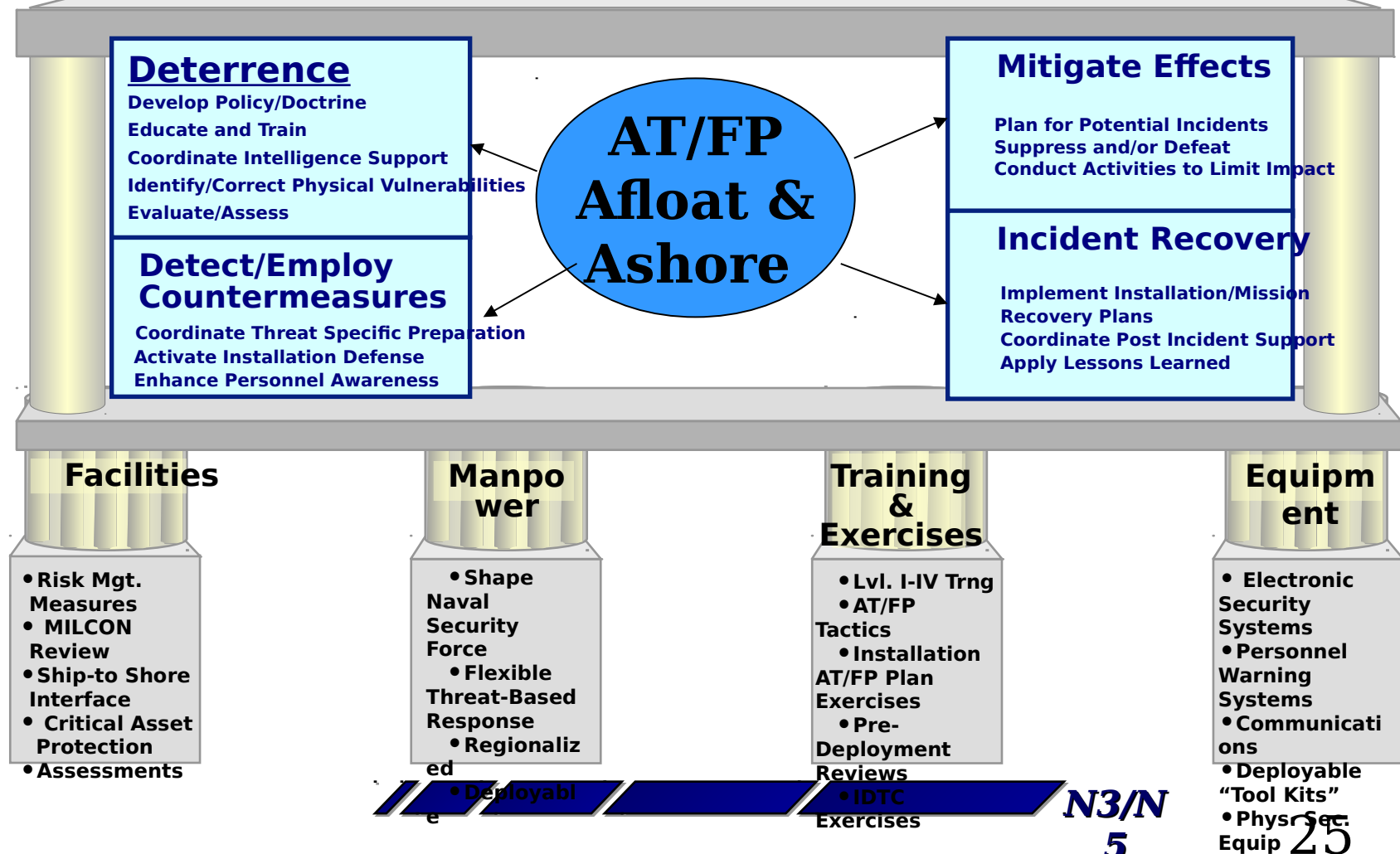
N34 AT/FP Strategy to Capabilities





N34 AT/FP Strategic Plan

Navy Integrated AT/FP Architecture





FY 01 Procurements

Shipboard “Fly-Away” Kit

- **Suggested Items to Address Off-board Asymmetric Threat for Ships In-port/Moored in High Threat Areas**

✓ Portable Surface Search Radar (SSR)

✓ Portable Air Alert Radar (AAR)

✓ Portable Swimmer Detection Sonar (SDS)

*Part of Previous
Shipboard
Physical Security
Program*

✓ Shipboard Security Intrusion Detection Sensor

*TSWG
Projects*

✓ Boat Barriers

*To be supplied by Shore
Assets & Requested via
LOGREQ*

✓ NVD (AN/PVS-7 goggles, AN/PVS-11 pocket scope)

*Existing
Shipboard AELs*

✓ Hand-held Thermal Imagers

✓ Inflatable Zodiac Boat

✓ Low Free Board Waterside Security Lights

N3/N

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